

G R S IX 5]

Previous references

Serial

Later references

1871
1911
(Circulation)

File No 4

Serial Nos 1 to 9
and 12

GENERAL AND REVENUE SECRETARIAT

Serial Nos

Major Part-B for August, 1878.

SUBJECT

Proposal regarding the changes in the Curriculum of Studies in the School of Engineering and Natural Science.

Indesed
Bambhulao

may be obtained from
the Dept

AM 25/6

Engineer like experience -
Rule 8 & whether the
election was not made
in the first instance &
whether the act of
Shedden & who kept
out of the class

20/6

Section	4000
No	2-77
Serial No.	177

ask the Chief Engineer
whether employees and
can be given to them
all

AM 13/7

20/6
15/7

52-1078

555 1878

04439-
20

From the Director of Public Instruction,

To
Secretary to Chief Commissioner,
General Department

Dated 14 June 1918

Despatched

Received

ENCLOSURES NO

General No 656 } 1878-79

Reporting that more of the
old class in the first class lower
division is willing to enter the
first department

to
- District
17-6-78

may be sent to
1st 2nd 3rd AM
20/6

How many students
are there in the first
class lower division?
7. Dub 15/6

We have no
informⁿ on this subject
Under rule 8 (vide rule 8
of 1911) each student has
to report in accordance to
the Dept. in which
he is employed. The informⁿ

✓

Office of the Director of Public Instruction
Bangalore, 11th June 1878

From,

The Director of Public Instruction
Mysore

To, The Secretary to the Chief Commissioner
of Mysore

Sir,

With reference to G. O. No 10717-Edt 15
of the 7th March last, para b, I have the honour
to state that the Principal of the School of
Engineering and Natural Science reports
that none of the students in the First class,
Lower Division, is willing to enter the
Forest Department

I have the honour to be,

Sir,

Your most obedient servant,


Director of Public Instruction.
B.S.

1878.79 32
3

From

To

The Director of Public
Instruction in Mysore.

Section	5.11.11
F. No.	2-77
Serial No.	2

Dated 3rd July 1878
Dispatched
Revised

Enclosures No. ✓

General No 2517
G No 366

His letter no 656, dated
14th June/78, reporting
that some of the students
in the 1st class, Lower
Division of the School of
Engineering and Natural
Sciences is willing to
enter the Forest Dept.

Enquires, with reference
to Rule 8 of the Chief
Control Notification of
29th Aug/76 (which lays
down that each student
should, on admission,
signify the Dept wherein
he would wish to be ulte-
riately employed) whether
the election was not made
in the first instance and
what is the number of
students

41

Students who pass out of
this class

By order
of
Secretary.

5

04/73

1876

From the Director of Public Instruction

10

Secretary to Chief Commissioner,
General Department

Section Gen
 No. 2-77
 Serial No. 3

Dated July 17/78

Despatched 5

Received 8

ENCLOSURES NO

General No. 272 } 1878-79

Stating that the Director is unable to say whether the candidates of the Upper Sub ordinates class were required at the time to elect the Dept they wished to serve, the selection not being made through this office

To Duffin
77
 8778

In this office on 12 Jan 1876 the Dir was informed of the names of the students selected for admission. The students were directed to on the 17th on 19 Jan 1877. The Director was bound to see that, on the admission of the students into the class, that they were required to sign the Dept in which they wished to serve. (Rule 8)

See file 1878-79
Director's copy

N^o 972



Office of the Director of Public Instruction
Bangalore, 5th July 1878

From, The Director of Public Instruction
Mysore
To, The Secretary to the Chief Commissioner
of Mysore

Sir,
In reply to your letter N^o 2517-G 366 of the 3rd instant I have the honour to state that the admissions to be made to the Upper Subordinate Class of the School of Engineering and Natural Science were advised in your despatch N^o 4350-G 1517 of the 12th December 1876. The selection was not made through this office, and I am unable therefore to say whether the candidates were required at the time to elect the Department they wished to enter. Of the 8 candidates nominated, 2 did not join, as reported in my letter N^o 3828 of the 6th February 1877, and 1 subsequently died, as reported in my

No 3,643 of the 15th February last There are
therefore at the present time 5 students
in the class who have been under in-
struction since the 19th January 1874

I have the honour to be,
Sir,
Your most obedient servant,

Miss
Director of Public Instruction
WJ

8221342 015 Aug 07436
16701
1878 28
From the Director of Public Instruction

2/2) have the ~~cost~~ of studies
to the ¹³ term of the
course that change

I will let several teachers
 those officers & let papers
 a few test results for each
 frequent names of both
 the Upper & Lower Out
 Clasper & the names of their
 Chap. say it & directed
 in the future way of
 the 2 papers involves
 a drastic change, a key
 to consistency by the Committee
 who originally laid down
 the terms of the paper
 On 9/7/9
 Census of 7

The question raised in the Ricci letter of the same day is considered by the same Committee with reference to the requirements of the 1st & 3rd Regt.

11/7 to
Bring up for the
Cassion 1/6

104-11/7

Daughter
157

10
Secretary to Chief Commissioner,
General Department

Dated

Despatched

Received

ENCLOSURES NO

General No 945 } 1878 - 79
No

Submitting certain proposals from W. H. Lynam regarding the course to be pursued by the 4 students of the Engineering College, Upper Department with his opinion thereon.

Section Code
File No 2-77
Serial No 4

I think this
may be used to Christ Church
Drive for any remarks he
may wish to offer D.H.
10/17

There are here 2 proposals
1/ that the Bureau of the
U. S. Students of the League
but 1 Class for the
first half of the course
should be conducted by
a Committee composed of

N^o 945

9

Office of the Director of Public Instruction
Bangalore, 3rd July 1878

From,

The Director of Public Instruction
Mysore

To, The Secretary to the Chief Commissioners
of Mysore

Sir,

The Principal of the School of Engineering and Natural Science brings to notice that the 4 students in the Upper Department will complete their half course of study on the 19th instant, and that an examination should then be held on the entire results of the combined course of study pursued up to this point, with the view of determining for what Departments the several students are to receive special instruction during the remainder of the course

2 Mr Lynam proposes that a Commission similar to the one lately
final examination
be held

this examination, and that the number of marks assigned to the several subjects be the same as those adopted for the final examination. Further, that as the mathematical course is concluded at this stage, it may be eliminated from the final examination, the results now obtained being carried forward to the final account.

- 3 I have the honour to submit these proposals for the Chief Commissioner's orders. With regard to the method of marking, it appears to be the practice at Roorkee to allow a certain proportion of the marks obtained in the periodical examinations to be carried forward to the final result, and this is doubtless a good arrangement, but it does not appear that any of the subjects of study is so dropped before the completion of the course as not to be

tested in the final examination. The advantage of giving up the mathematical studies in the manner proposed is represented to be, that the students will be able to give the whole of their attention to practical subjects. That they should as far as possible do so is no doubt desirable, but I am disposed to think that an entire neglect of mathematics during the second half of the course might be prejudicial, and that some attention may continue to be given to the subject without interference with practical studies.

I have the honour to be,
Sir,

Your most Obedient Servant


Director of Public Instruction


Oct. 6

To

Secretary to Chief Commissioner, of Mysore and
D. H. S. General Department

Section 27 _____
File No. 2577 _____
Serial No. _____

Dated

Despatched

Received

July 1878

ENCLOSURES NO

General No

No

187 8-79

Offers certain remarks and
submits proposals for the
information and orders of
the Commissioners on the
behalf of students for the
Forest Department in the
School of Engineering and
Natural Science —

The changes proposed
 in the curriculum of studies
 required in the
 the rates of pay pro
 proposed by the
 presented in para 8 of the
 and regime
 the general in -
 to elect members of the
 in the first
 that they might
 the office
 in the
 of no de conf
 over bear

Rev Forests

N^o 400-7
92

13

To

Commissioner of Forests office
Mysore Hong

The Secretary to the Chief
Commissioner of Mysore
Dufter Department

Bangalore 4th July 1878 —
Recd - 5th Do —

Sir

I have the honour to offer certain remarks
and to submit the following proposal for the
information and orders of the Chief Commis-
sioner on the training of students for the
Forest Department in the School of
Engineering and Natural Science —

2 I would submit first, that young men
should be nominated at once for the depart-
ment, ~~as~~ the plan which was I believe
followed 3 years ago, unduly weights the
Forest Department. I can see no reason
why at a preliminary test examination,
the men who head the list should be put
into the Public Works Department and the
men at the bottom of the list into the Forests.
As a ~~matter of~~ fact the final results seem
dictated by this some-
dictatorial

a forest student, came out high in Mathematics, and all concerned did well all round - But the selection is calculated to put the Forest Department at a disadvantage, and this is a serious matter, for if I am not mistaken, one of the results of the late famine in My Sore and Southern India will be to show that the men who are expected to form the Forest Department of the future must be as good men as can be got. Their work yields in importance to that of no other department.

3 Once entered in the School, I would propose the following curriculum for Forest students in lieu of that ~~now~~ now followed. I write this after having watched the course of study and its results during the three years occupied by the first batch of forest students in going through the School —

4 In lieu of the present curriculum I would suggest the following —

- a { algebra - Theory of Equations } Geometry Men =
suration - Trigonometry - spherical Trigonometry
- b { Surveying (as at present)

c In Natural Science, I propose that they should be taught sufficient ~~Chemistry~~ form an introduction ~~chemical~~

15

point aimed at in Agricultural Chemistry and Geology should be lead them up to becoming thoroughly practical judges of good and bad soils, of the composition of plants, and of the use and abuse of manures &c. With this end in view I would suggest that a larger portion of their time be devoted to subjects — ^{and} ^{practical} immediately connected with their future work.

I would send them to the Model ~~Farm~~ ^{Farm} for at least 6 months, and there put ^{put} through a practical course teaching them to do everything with their own hands —

d In Botany I would add a course of lectures on the structure of woods. Meteorology should be kept on the list —

e The whole course might with advantage be extended over 4 years 3 of these years to be devoted to b. c. and d, and should be carefully followed out with regard to students destined for the higher parts —

6 But the Department sadly needs good upper Subordinates, especially Rangers

This need grows more pressing every year The status of Rangers and Foresters should be raised, and the pay and prospects made such as to attract good men I would suggest that arrangements be made to induce men to enter the school, lower division classes, and to ^{qualify}

qualify for the upper Subordinate ranks of the Forest Department, and on men qualifying themselves in this class that all Ranger's posts be in future given to them alone. In that case the pay of a Ranger should not be less than Rs 100 and rise to Rs 250 Thus

5 th grade	Rs 100
4 th grade	125
3 rd grade	150
2 nd grade	200
1 st grade	250

with the usual travelling allowance of 40 per cent of pay when away from headquarters. 7 The curriculum for this class would be the same as that already proposed for the higher class in para 4, in (b) Surveying (c) Natural Science and (d) in Botany. In (a) I would have only Algebra as far as, but exclusive of equation; and Mensuration. 8 For the class of Forester, I would propose the following grades

5 th grade	Rs 40
4 th grade	50
3 rd grade	65
2 nd grade	80
1 st grade	100

The accomplishments demanded should be

a fair knowledge of English Mensuration
Agricultural Chemistry and a knowledge of
Soils and of the elements of farming,
learnt Theoretically by a course of lectures, and
by practical work on the Model Farm Practical
in the sense that every man in the class
must learn to do with his own hands every
thing required on the Farm In Botany
I would take them through Oliver's First
Book of Indian Botany, —

9 All Foresters posts should be reserved
for men passing through this course of study.

I would suggest that the name "Foresters"
be restricted to these men, and not extended,
as has been done by late orders, to Rangers'
mootsaddies, to the Darogahs, and
woodyard mootsaddies. These last
might be styled Rangers' clerks, Sandal
Store keepers, and Woodyard mootsaddies

10 Some such arrangements must
I respectfully submit, be made if the
forest wealth of the country is to be developed
as it ought to be, and the kindred subjects
of forestry and Agriculture brought, as
they should be, into closer alliance —

11 It is now difficult, indeed I may
say almost impossible, to get men fit

unhappy for the upper subordinate ranks of the
for the work to enter the Department. A
Ranger's life, and that of a forester is
hard and unhealthy, he has a great res-
ponsibility put on him. At present,
while I find no difficulty in filling
up posts on low pay which involve no out-
door work, I am hard pressed for Rangers.

It is all but useless to take men unfit
for the work, and thus we are compelled
to do a matters stand —

I have the honor to be
Sir
Your most obedient servant

Gawwomeria Capt.
Conservator of forests
Myapore

19

Recd -

Letter from the Comr of Forest
Munroe No. $\frac{800}{92}$ of 4th July/78

Order thereon

General N 3028
8

Dated 20th July 1878

Section	4-2
File	2-3-2
Scr	6

The proposals contained
in the above letter deal with
2 points

(1) The course of studies
presented for students in the
School of Engineering and
Natural Science which the
Comr wishes to alter so as
to adapt it exclusively to
Forest students who are to enter
the school as such.

(2) The pay of the Grades of
Forest Rangers & Foresters &c

The C C deserves that
all the more may be advantage
in adapting both proposals
to some extent, the effect of
putting forward specially proposals
to raise the rating of Rangers
and Foresters & likely to be

referred to in para 2 of this
Office No 8

4 The proposal to raise
the scale of pay of Rangers &
Forsters does not commend
itself to the Commr. There
is no reason why these classes
should (in the case of Rangers
be salaried as highly as
Amildars of Taluks, and in
the case of Forsters, as highly,
if not more highly than Taluk
Sheristadars and Peshkars
The scheme is premature &
may be considered when the
orders of the Govt of India
regarding the revision of Forest
Establishments are received.
If the Forest Dept is merged
in the General Administration
as proposed there will be no
difficulty probably in obtaining
the services of men for these
posts, who will be eligible
for promotion in the Revenue

N 153

and. It is true that
a Forester should have
a special training but
there is no reason why
men who have been so
trained should pass their
whole career in this particular
branch of the service

Secretary

The Conserv. of Forests
Ch. Eng. & P.W.
Director of Instruction

To
The Conservator of Forests
The Chief Engineer & P.W.
The Director of Instruction

20th July 1878.

General N. 3028
E . 8

Recd. 16th Aug. 1878

Conservators' N. 800 d 4th July 1878

Directing that Capt Van
Buren's proposals relative to
the course of studies prescribed
for students in the School of E &
P. Service be discussed &
reported upon by the Committee.
his proposal to raise the salaries
of the Employes of the Forest Dept is
inopportune & cannot now
be considered.

Thos. Secretary General

42
17/7

General N: 3094
 23
 Dated 23rd July 1878

Section -	23
File No -	23
Serial No -	8

Read

Letters from the Director of Public Instruction Nos 656, 245 and 972 of 14th June & 3rd July/78 respectively.

Order thereon

In the letter of the two letters above quoted, the Director of P. I. Division of the School of Engineering & Natural Science has requested the Principal of the School of the said Science to include mathematics in the latter second period of the course of study prescribed for the upper division. The Principal has himself opposed the change proposed, and the Council has also opposed the change. The Council has also decided that the course of studies should be as low as possible after the detachment of the subject of mathematics from the curriculum. The Council has also decided that the subject of mathematics should be a subject of the lower division. The Council has also decided that the subject of mathematics should be a subject of the lower division. The Council has also decided that the subject of mathematics should be a subject of the lower division.

It is reported that the five students in the upper division of the School of Engineering & Natural Science will complete their half course of study on the 19th instant and it is proposed that their examination should be conducted by a Committee similar to the one lately engaged in the final examination of the 3rd year students. The Hon. Commr. remarks that it will be a severe tax upon the officers who composed the recent Committee to set papers

for each General Examination
of both the Upper & Lower
Division Classes and Mr
Gordon thinks that the
Examination of the students
above referred to might
be conducted by the
Principal himself in the
usual way

2 The other proposals contained in paras 2 & 3 of the Directors' letter no 945 of 3^d instant involve such a radical change in the future course of the studies that the C. E. seems it necessary that they should be considered & reported upon by the Committee who originally laid down the course viz. Chi. Eng? Director of Public Instruction and Comr? of Forests.

3. In the question raised in

that the proposal
be considered by the
Committee which has
been separately convened
to report on certain
recommendations
of a similar character
made by the Council of
Faculty, & regard to Faculty
Students

2 The Captain cannot
concur in the
proposal made to
Mr. Lyman that he
specify Committee
~~there as there~~
be. Mr. Ledy suggests
the full name of the
President of the Upper
Div^{ision} Chap. ~~Middle River~~
Chap. Stone & again
unwarranted conduct
in the name of the students
of the same Chap. He
has now completed
the first paper of the

course
 3 in consequence of the of 1886
 in the English M.D.
 expected to report that
 he can provide for all,
 or if not, for a portion
 of the students of the
 1 Class, Lower Div who
 are eligible for appointment
 to the upper introduced position
 of the M.D. by 1887

28 the Directors letter of 14th
June/78 in regard to the 5
students in the First Class
Lower Division, who are un-
willing to enter the Forest
Dept night, also, be con-
sidered by the same Committee
with reference to the requirements
of P W D and Forest Dept
And the Ch Engr^r is requested
to report whether in the
event of all the students
being attached to the P W D
Classes, employment can
be given to them all on their
passing out of the school

Secretary

To, The Director of P Instruction
" Ch Engineer P W D
" Comm^r of Forests

21

Mysore Chief Commissioners Office
Public Works Department -
Bangalore, the 2nd August 1878

SS Moncrieff, P.E., C.S.I.
Secretary to the Chief Commissioner
of Mysore P.W. Dept.

Secretary to the
Chief Commissioner of Mysore
General Department.

reference to the Chief Commissioner's
nos. ~~3028~~ ³⁰²⁸ and ~~3094~~ ³⁰⁹⁴ of the 20th and 23rd.
~~8285~~ ⁸⁹
the honor to forward two reports of
invited to consider (1) the sugges=
the Conservator of Forests for change
Education in the School of Engineer=
and Science for Officers and Sub=
Department, and (2) Mr. Lynam's
certain alterations in the course
College -

I have the honor to be,

Sir,

your Most Obedient Servant.

Almoner Major, P.E.,

Secretary to the Chief Commissioner of
Mysore P.W. Dept.

26

L

1878

No 39

The Director of Public Instruction

dated 23rd July
1878

11/1
10/10

General N 3094
6 9

Returned from
do do do

From Secretary Public Instruction

GD

7/7

Mysore Chief Commissioner's Office
Public Works Department -
Bangalore, the 2nd August 1878

From,

Major G E Moncreff, R.E., C.S.I.
Off Secretary to the Chief Commissioner
of Mysore P.W. Dept.

To,

Section	Genl
File No	2-77
Serial No	97

The Secretary to the
Chief Commissioner of Mysore
General Department.

Sir,

With reference to the Chief Commissioner's
Proceedings Nos. ³⁰²⁸~~3028~~ and ³⁰²⁴~~3024~~ of the 20th and 23rd
^{Edg}~~Edg~~ ultimo, - I have the honor to forward two reports of
the Committee convened to consider (1) the sugges-
tions made by the Conservator of Forests for changes
in the course of Education in the School of Engineer-
ing and Natural Science for Officers and Sub-
ordinates of his Department, and (2) Mr. Lynam's
letter proposing certain alterations in the course
of study of the College -

I have the honor to be,

Sir,

Your Most Obedient Servant.

Moncreff Major, R.E.,

(Off Secretary to the Chief Commissioner of
Mysore P.W. Dept)

Edg
and

1878.

From *The Office Secretary to the*
Chief of Bureau of Mysore
To *Pub. Works Dept.*
Secretary to Chief Commissioner,
General Department

Dated

Despatched

2nd August 1878

Received

14/8/78

ENCLOSURES NO 2.

General No

419

No

270

} 1878-79

Forwarded 2 Reports of the
Committee convened by order
of Chief Commissioner dated 17/8/78
and 20th and 23rd ultimo
respectively, regarding the Educa-
tion of the students of the School
of Engineering & Natural Science.

F. S. 2/7/78

3 8 7 8

512 1/2

Report of Committee assembled by order of
Chief Commissioner of Mysore No. 2028 of
20th July 1898, to consider suggestions by
the Conservator of Forests as to alterations
in the course of education in the School
of Engineering and Natural Science for
Officers and Subordinates of the Forest
Department ~~~~~

The Controlling Establishment of the
Forest Department in Mysore consists of
only 6 officers. Even supposing that ab-
solutely these are all natives, promotion
will be slow, and vacancies are not likely
to recur oftener than once in three years.
Three students have just qualified for this
establishment, and more vacancies are
not likely to recur soon. It seems, then,
needless to discuss a special course of
study for so few, and the Committee
think it would be better to require any
candidates for the future to pass through
the training of the Agricultural College
at Madras. Should however it be deter-
mined the Committee consider
if the Conservator
they would only

211
Agriculture from the Mathematical pro-
jects.

3. The upper subordinates of the Forest
Department, termed rangers, are in the
future, likely to be about 12 in number.
Their pay is from Rs 50 to Rs 150. Here too
the number of annual vacancies will not
exceed one (including the wants of leave)
and it seems better, as in the case of the
controlling establishment, to send Candidates
to the Agricultural College at Madras, giving
them a scholarship during their stay there.

4. — The lower subordinates of the
Forest Department, termed foresters, receive
only Rs 20 to Rs 30 per mensem; — pay too
small to expect any sort of technical educa-
tion —

President

C. Munro Esq. M.A. D.C.

Offg. Chief Secy. to the Secy.
of Mysore Hong Kong

Members

Mr. Morrison Captain
Conservator of Forests, Mysore Hong

Mr. ...
Director of Public Instruction

Bangalore
14 Aug. 1883

WR

31

Report of Committee assembled by order
of Chief Commissioner of Mysore, No. 3094
dated 23rd July 1898, to consider a letter
from the Acting Principal of the Civil
Engineering School proposing certain al-
terations in the course of study —

The Committee consider it inexpedient
at present to make the alterations sug-
gested by Mr Symon, especially as the
Director of Public Instruction has been
directed by the Chief Commissioner, and
is about to consider the recommendations
of the Board of Examiners of the Students,
who have just passed out of the College,
as regards marking, and the giving a
more practical turn to the studies —

President

Chinnayya Nayya B.C.

Offg. Chief Insp. Secy to Commissioner
of Mysore Hong M.D.

Members

~~revised~~

Captain
Mysore Hong

36

Read

Letter No 800 dated the 4th July 1878 from the Conservator, proposing certain changes in the Curriculum of studies in the School of Engineering and Natural Science for officers and subordinates of his Department

Section	632
File No	6-77-2
Serial No	12

Letter No 1119, dated the 19th 1870

2nd Inst. from the Offy Chief Engineer forwarding a report by the Committee convened to consider the suggestions contained in the above

No 3736 dated 14th August 78
8 14

Order thereon

The Chief Commissioner ~~considers that it is unnecessary~~ with reserve in proposal, had to make any change at present, in view of facts in his telegram, as the whole matter at a lead, and by his suggestion would be considered when the Committee meet, for consideration of the orders of the Government of India regarding the ^{future organizing} Forest Department ~~as the future~~ are received

M 13/8

To The Conservator of Forests
Offy Ch Engineer & W
2nd 2nd Inst. in the

Secretary

1878

From

37

10179

Section	_____
File No	_____
Serial No	_____

To

The Conservator of Forests
 My Sire & Long
 " Offg Chief Engineer
 P.W.D.

Dated 14th
 Despatched 15th } August
 Received

Enclosures No

General No 3736 ✓
 S. No 14

Passing orders on Consr's
 letter No $\frac{800}{92}$ of 4th July/78, pro-
 posing changes in the cur-
 riculum of studies in the
 School of Engg & Natural
 Science, and on the Commit-
 tees report thereon

